Fig. #1: Vendor Set-Up Chart
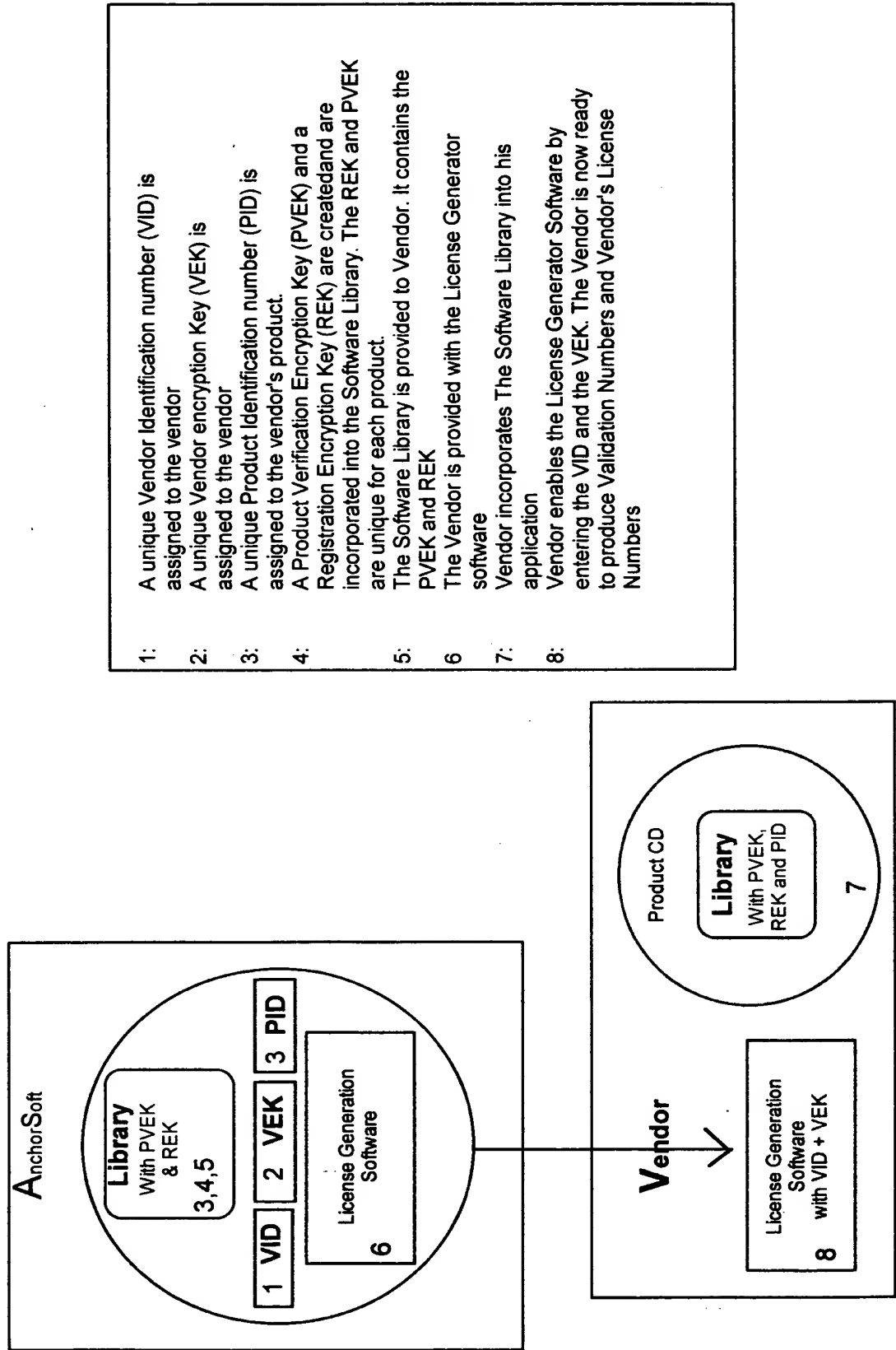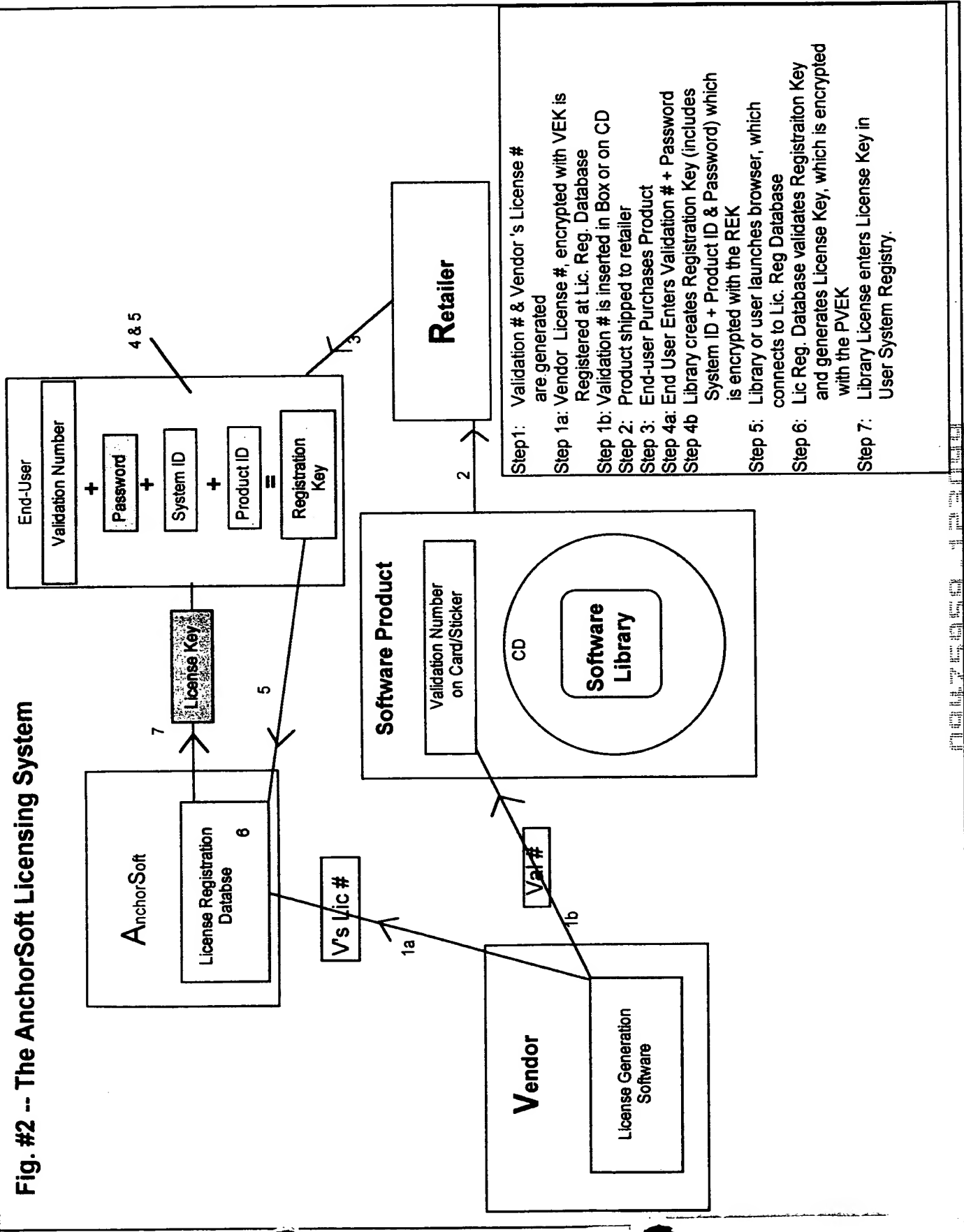
1: A unique Vendor Identification number (VID) is assigned to the vendor
2: A unique Vendor encryption Key (VEK) is assigned to the vendor
3: A unique Product Identification number (PID) is assigned to the vendor's product.
4: A Product Verification Encryption Key (PVEK) and a Registration Encryption Key (REK) are created and are incorporated into the Software Library. The REK and PVEK are unique for each product.
5: The Software Library is provided to Vendor. It contains the PVEK and REK
6: The Vendor is provided with the License Generator software
7: Vendor incorporates The Software Library into his application
8: Vendor enables the License Generator Software by entering the VID and the VEK. The Vendor is now ready to produce Validation Numbers and Vendor's License Numbers

AnchorSoft

Library
With PVEK & REK
3,4,5

1 VID   2 VEK   3 PID

License Generation Software
6

Vendor

Product CD

Library
With PVEK, REK and PID
7

License Generation Software
with VID + VEK
8

Fig. #2 -- The AnchorSoft Licensing System

End-User

Validation Number

+

Password

+

System ID

+

Product ID

=

Registration Key

4 & 5

Retailer

AnchorSoft

License Registration Databse

6

License Key

7

Software Product

Validation Number on Card/Sticker

CD

Software Library

Vendor

License Generation Software

V's Lic #

1a

Val #

1b

2

3

Step1:   Validation # & Vendor 's License # are generated

Step 1a: Vendor License #, encrypted with VEK is Registered at Lic. Reg. Database

Step 1b: Validation # is inserted in Box or on CD

Step 2:   Product shipped to retailer

Step 3:   End-user Purchases Product

Step 4a: End User Enters Validation # + Password

Step 4b Library creates Registration Key (includes System ID + Product ID & Password) which is encrypted with the REK

Step 5:   Library or user launches browser, which connects to Lic. Reg Database

Step 6:   Lic Reg. Database validates Registraiton Key and generates License Key, which is encrypted with the PVEK

Step 7:   Library License enters License Key in User System Registry.

Fig. #3: The AnchorSoft Online Registration Process

→ User selects:

Automatic Registration
(Browser can be launched)

Manual Online Registration
(User Uses AOL or Other ISP)

Auto License Key Process

1) User Enters Validation Number and Password
2) User Clicks: "Register Now"
3) Library Checks Validation #
4) Library Checks for Processor Seial #, Ethernet #
   or Boot Drive ID
5) Library Creates Registration Key
7) Library Transmits Registration Key
8) Lic. Reg. Database validates Registration Key
9) License Key is generated & Password is stored
10) Library stores License Key in User's System Registry
11) Library displays Successful Registration Message

Manual Online Registration

1) User Enter the validation # and Password
2) The Library displays the Registration Key
3) User Goes online (AOL or other), enters/goes to
   URL for Lic. Reg. Database
4) At Lic. Reg. Database Web site, User enters
   Registration Key and clicks "Register Now"e
5) Lic. Reg. Database validates Registration Key
6) License Key is generated and displayed to User
   & Password is stored
7) User Copies License Key into Registration Window of
   the Application and Clicks "OK"
8) Library displays Successful Registration Message

→ Denotes User Action